

Figure 29

Geology and 1995 Water Table Contours in the Upper Niobrara White Natural Resources District



Geology and Water Table Source:
<http://csd.unl.edu/general/gis-datasets.asp>
The Conservation and Survey Division has produced this product using what is thought to be the most reliable information available or reproduced the material approved. The detail and precision of the interpretations made are according to accepted professional standards and are dependent upon the techniques, hardware, and/or software utilized.

Legend

- UNWRND Boundary
- County Boundaries
- 1995 Water Table

Geology

- Ogallala Group
- Arikaree Group
- White River Group
- Pierre Shale
- Niobrara Formation
- Carlisle Formation
- Greenhorn-Graneros Formations

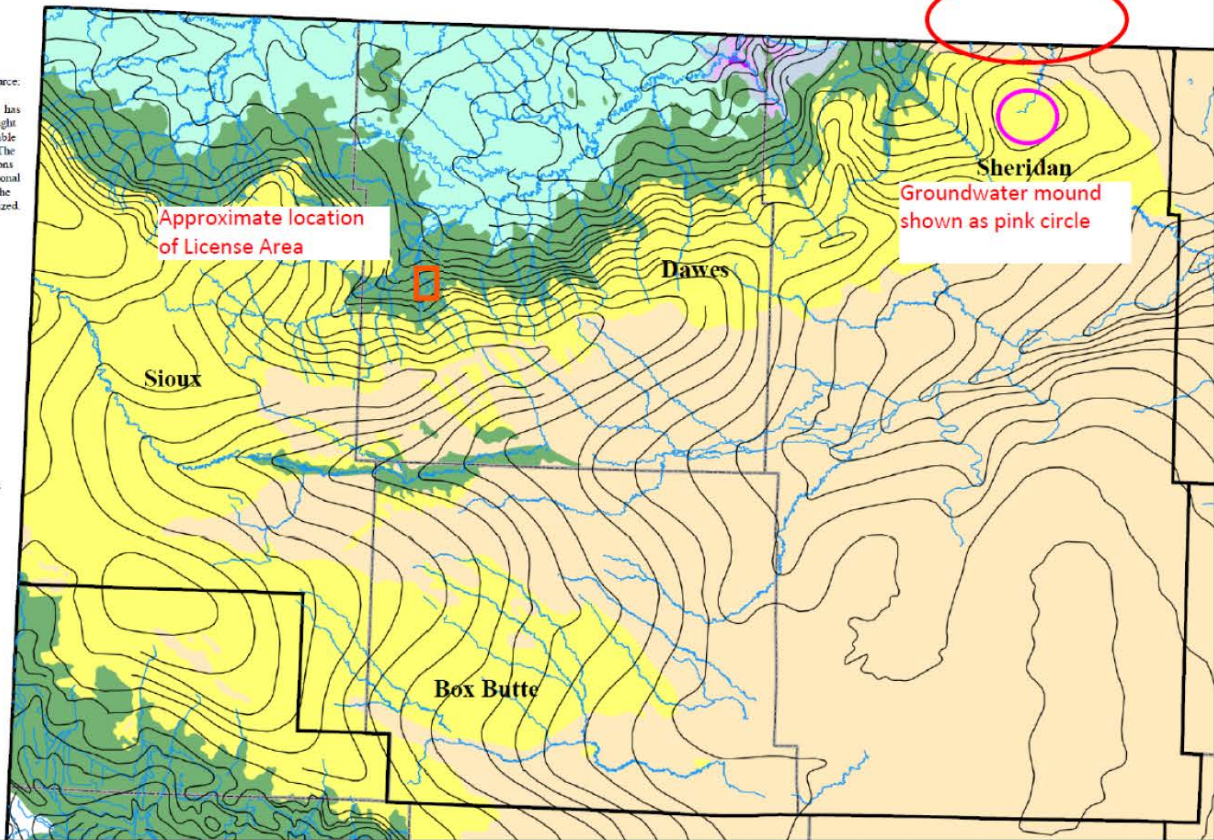


Figure 30

Approximate location
of oval shown on
Exhibit BRD-017

Digital
Elevation
Model

Legend

- 1995 Water Table
- Flow Direction
- Streams
- Lakes

Shaded Relief



Water Table Contour Source:
<http://csd.unl.edu/general/gis-datasets.asp>

1:250,000 scale water table configuration from the CSD. The eleven contour maps were prepared by several researchers at CSD, including Scott Summerhude, Michael Ponte, Vincent Dreeszen, Stephen Hartung, and Joe Szilagyi.

These new water-table maps reflect more recent, accurate, and comprehensive water-level data, as well as a current understanding of ground water in Nebraska. Much of the ground-water level data used to produce these contour maps are from wells measured by the natural resource districts, the CSD, the USGS, the Bureau of Reclamation and others. Maps were constructed primarily by using spring 1995 water-level data.

